Approved for use through 10/31/2002. OMB 0651-0032
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## **UTILITY PATENT APPLICATION TRANSMITTAL**

Attorne	ey Docket No.	002-32: CSN 7266	•	
First Inventor		Michael L. Regal	(	
Title	METHOD AND SYSTEM FOR DETERMINING THE POSITION OF A BAD LINK			

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))	xpress Mail Label No. ER 161493655 US			
APPLICATION ELEMENTS See MPEP chapter 600 concerning design patent application contents.	ADDRESS TO  Commissioner for Patents Mail Stop Patent Application P.O. Box 1450 Alexandria, VA 22313-1450			
1. See Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing) 2. Applicant claims small entity status. See 37 CFR 1.27. 3. Specification [Total Pages 13] (preferred arrangement set forth below) - Descriptive title of the Invention - Cross References to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix	<ul> <li>7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)</li> <li>8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)</li> <li>a. ☐ Computer Readable Form (CRF)</li> <li>b. Specification Sequence Listing on: <ol> <li>i. ☐ CD-ROM or CD-R (2 copies); or</li> <li>ii. ☐ paper number of pages</li> <li>c. ☐ Statements verifying identity of above copies</li> </ol> </li> </ul>			
<ul> <li>Background of the Invention</li> <li>Brief Summary of the Invention</li> <li>Brief Description of the Drawings ( if filed)</li> <li>Detailed Description</li> <li>Claim(s)</li> <li>Abstract of the Disclosure</li> </ul>	9. Assignment Papers (cover sheet & document(s)) 10. 37 C.F.R.§3.73(b)Statement Power of (when there is an assignee) Attorney  11. English Translation Document (if applicable)			
4. Drawing(s) (35 U.S.C.113) [Total Sheets 3 ]  5. Oath or Declaration [Total Pages 16 ]  a. Newly executed (original or copy)  b. Copy from a prior application (37 CFR 1.63 (d)) (for a continuation/divisional with Box 18 completed)  i. DELETION OF INVENTOR(S)  Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).  6. Application Data Sheet. See 37 CFR 1.76  18. If a CONTINUING APPLICATION, check appropriate box, and supply or in an Application Data Sheet under 37 CFR 1.76:  Continuation Divisional Continuation-in-part Prior application information: Examiner  For CONTINUATION or DIVISIONAL APPS only: The entire disclosure or	12.			
under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.				
19. CORRESPONDENCE ADDRESS  ☐ Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here)  ☐ Correspondence address below				
Name	•			
Address				
City State	Zip Code			
Country Telephone	Fax			
Name (Print/Type) Charles E. Krueger	Registration No. (Attorney/Agent) 30,077			
Signature L. Signature	Date November 24, 2003			
Burden Hour Statement: This form is estimated to take 0.2 hours to complete	to Time will you depending upon the needs of the individual sees. As			

comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231. SDK NOTE: REVISED ADDRESS AS OF 5/1/03.

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F	<b>EE TRANSMITTAL</b>
	for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

\_\_\_\_ Applicant claims small entity status. See 37 CFR 1.27

TOTAL	AMOUNT	<b>OF PAYMENT</b>	

Name (Print/Type)

Signature

Charles E/Krueger

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espond to a collection of inic	omnation unless it displays a valid OMB contr	<u>ol number</u>
Co	omplete if Known	
Application Number		
Filing Date		•.
First Named Inventor	Michael L. Regal	
Examiner Name		
Art Unit		
Attorney Docket No.	002-32: CSN 7266	

PTO/SB/17 (10-03)

METHOD OF PAYMENT (check all that apply)				FE	E CALCULATION (continued)	
Check Credit card Money Other None	3. ADDITIONAL FEES					
Deposit Account:	Large E	ntity	Small	Entity		
Deposit Cocco		Fee		Fee	Fee Description	
Account 502267	Code 1051	( <b>\$</b> ) 130	2051	•	Surphorae Into filing for or ooth	Fee Paid
Number Deposit	1052	50	2052	25	Surcharge - late filing fee or oath  Surcharge - late provisional filing fee or	
Account Name Charles E. Krueger	1032	30	2032	. 25	cover sheet	
The Director is authorized to: (check all that apply)	1053	130	1053		Non-English specification	
Charge fee(s) indicated below Credit any overpayments	1812 2		1812	2,520	For filing a request for ex parte reexamination	<del></del>
Charge any additional fee(s) or any underpayment of fee(s)	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.	1805 1	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
FEE CALCULATION	1251	110	2251	55	Extension for reply within first month	
1. BASIC FILING FEE	1252	420	2252	210	Extension for reply within second month	<b></b>
Large Entity Small Entity	1253	950	2253	475	Extension for reply within third month	<u> </u>
Fee Fee Fee Fee Fee Description Fee Paid Code (\$)	1254 1	1,480	2254	740	Extension for reply within fourth month	
1001 770 2001 205 LWW. 5line 6	1255 2	2,010	2255	1,005	Extension for reply within fifth month	
1002 340 2002 170 Design filing fee 770	1401	330	2401	165	Notice of Appeal	
1003 530 2003 265 Plant filing fee	1402	330	2402	165	Filing a brief in support of an appeal	
1004 770 2004 385 Reissue filing fee	1403	290	2403	145	Request for oral hearing	
1005 160 2005 80 Provisional filing fee	1451 1	1,510	1451	1,510	Petition to institute a public use proceeding	
SUBTOTAL (1) (\$) 770	1452	110	2452	55	Petition to revive - unavoidable .	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1453 1	1,330	2453	665	Petition to revive - unintentional	
Fee from		1,330	2501	665	Utility issue fee (or reissue)	
Total Claims 12 20 = 0 X	1502	480	2502	240	Design issue fee	
Independent Q 311 6 V 86 516	1503	640	2503		Plant issue fee	
Claims -3 = 0	1460	130	1460		Petitions to the Commissioner	
Large Entitles Contil State	1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
Large Entity   Small Entity   Fee Fee Fee Fee Fee Description	1806	180	1806		Submission of Information Disclosure Stmt	
Code (\$) Code (\$)	8021	40	8021	40	Recording each patent assignment per property (times number of properties)	40
1202 18 2202 9 Claims in excess of 20 1201 86 2201 43 Independent claims in excess of 3	1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1203 290 2203 145 Multiple dependent claim, if not paid	1810	770	2810	385	For each additional invention to be	<del></del>
1204 86 2204 43 ** Reissue independent claims over original patent	1801 ·	770	2801		examined (37 CFR 1.129(b))  Request for Continued Examination (RCE)	V
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent	1802	900	1802	900	•	
	Other fe	ee (sp	ecifv)			
SUBTOTAL (2) (\$) 516  **or number previously paid, if greater; For Reissues, see above				iling F	ee Paid SUBTOTAL (3) (\$) 40	
SUBMITTED BY					(Complete (if applicable))	

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Registration No.

30,077

Telephone 925.944.3320

11/24/03

Date

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## NONPUBLICATION REQUEST UNDER 35 U.S.C. 122(b)(2)(B)(i)

First N	amed Inventor	·
Title		AND SYSTEM FOR DETERMIN- POSITION OF A BAD LINK
Atty Docket Number		002-32: CSN 7266

I hereby certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.

I hereby request that the attached application not be published under 35 U.S.C. 122(b).

November 24, 2003

Date

Charles E. Krueger

Typed or printed name

Signature

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant must notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).

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